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DIALOG(R)File 351:Derwent WPI

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WPI Acc No: 1990-323700/199043
Olefin polymerisation - uses a catalyst contg. solid titanium electron donor cpd. organocpd. and organosilicon cpd.
Patent Assignee: MITSUI PETROCHEM IND CO LTD (MITC)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2229806	A	19900912	JP 8950870	A	19890302	199043	B
JP 2732478	B2	19980330	JP 8950870	A	19890302	199818	

Priority Applications (No Type Date): JP 8950870 A 19890302
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2229806	A		14		
JP 2732478	B2		11	C08F-004/658	Previous Publ. patent JP 2229806

Abstract (Basic): JP 2229806 A

Polymerisation of an olefin comprises using a catalyst consisting of (A) a solid Ti catalyst component contg. Mg, Ti, halogen and electron donative cpd. as essential components, (B) an organoaluminium cpd. catalyst component and (C) an organosilicon cpd. catalyst component of formula (R13C)2Si(OR2)2 (I) to produce the polymer with limiting viscosity (eta) of at least 6 dl/g. In (I) R1, R2 = hydrocarbon gp.

Said olefin is 2-10C pref. 3-10C, alpha-olefin and is prepolymerised before the polymerisation.

USE/ADVANTAGE - A high mol. wt., stereoregular olefin polymer having narrow grain size distribution and high bulk density is produced in high yield and activity of the catalyst is not lowered as the polymerisation proceeds. (14pp Dwg.No.0/0)

Derwent Class: A17
International Patent Class (Main): C08F-004/658
International Patent Class (Additional): C08F-004/65; C08F-010/00
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